

# BTL & Bio-Based Chemicals

6-7 October 2010  
Rotterdam, Netherlands

- Register Me     Send sponsorship details  
 Exhibitors     Speaker

Name \_\_\_\_\_

Position \_\_\_\_\_

Company \_\_\_\_\_

Email \_\_\_\_\_

Address \_\_\_\_\_

Tel \_\_\_\_\_

Fax \_\_\_\_\_

Regular Fee: EUR1295.00 Group Fee (3 or more): EUR995.00  
Site Visit to ECN Petten Facility for 1: EUR75.00  
7 Oct

## TO REGISTER

Online: [www.cmtevents.com](http://www.cmtevents.com)  
Email: [sharm@cmtsp.com.sg](mailto:sharm@cmtsp.com.sg)  
Fax: (65) 6345 5928 Tel: (65) 6346 9116  
Post to: 80 Marine Parade Rd #13-02  
Parkway Parade, Singapore 449269

## CUSTOMISED SPONSORSHIP PACKAGE

This event is an excellent platform to promote your organization to influential players and investors in the industry. Sponsorship opportunities available include **Corporate, Exclusive luncheon & Cocktail** sponsor. Exhibition / catalogue display can be arranged upon request. Contact [nisha@cmtsp.com.sg](mailto:nisha@cmtsp.com.sg) or (65) 6346 9130



[www.cmtevents.com](http://www.cmtevents.com)

Program topics, speakers and schedule are confirmed as at printing time. Please refer to event page at [www.cmtevents.com](http://www.cmtevents.com) for updated program agenda.

## DAY 1 - 6 Oct 2010, Wednesday

08:00 Registration & Morning Coffee

09:00 Chairman's Introduction

### Keynote Address

09:10 **Strategic Energy Technology Plan: A Boost to Technological Progress in the Bio-Energy Industry**  
• Technology roadmap for the European Industrial Initiative on Bioenergy  
*Dr. Stefan Tostmann, Head of Unit -Energy Technologies and Research Co-ordination European Commission*

09:40 Discussion followed by Coffee

### Biomass Feedstock Developments

10:10 **Satisfying Europe's Growing Bio-Based Needs**  
• Biomass availability : developments, pricing, forecasts, sourcing, practices, advise, trade  
*Dr. Caroline Midgley, Head of Biofuels/Biomass LMC International Ltd*

10:40 **Fine Tuning Feedstocks to Optimise Greater Thermochemical Conversion Efficiency**  
*Spencer Swayze, Senior Manager of Business Development Ceres, Inc.*

### Progress on BTL Jet Fuel Projects

11:05 **Sustainable Aviation & Progress on Bio-Jet Fuels**  
*Mike Heijstee, Chief Executive Sustainable Aviation Network Europe (SANE)*

11:30 **Evaluation of BTL as the Most Viable Route to Jet Biofuels**  
*Jo Howes, Managing Consultant E4tech Ltd*

### BTL Projects & Commercial Deployments

11:55 **First BTL Project Using External Hydrogen to Boost Biofuels Yields- Bure Saudron Project**  
*Juliette Imbach, Operations Manager for Biofuels Commissariat à l'Energie Atomique et aux Energies Alternatives / CEA*

12:20 **Technologies of GTL.F1/ Lurgi Making Bure Possible**  
*Dipl.-Ing. Matthias Wagner, Managing Director GTL.F1 Ag*

12:45 Discussion followed by Lunch

14:00 **Lessons Learned from the Operation of Multiple Bioenergy Platforms at Southern Research's Clean Energy Development Center in the USA**  
*Stephen Piccot, Director Environment and Energy Southern Research Institute*

14:30 **Producing Biomass Based Bio-Oil in Tampere, Finland - Technological Development & Promising Applications**  
*Dr. Jani Lehto, Project Manager Metso Power*

15:10 Discussion followed by Tea

15:30 **Joint Presentation : Hydroprocessing of Biofeeds for Renewable Diesel**  
*Lars Joergensen, Process Engineer Haldor Topsoe A/S*  
*Kerstin Efraimsson, Process Design PREEM PETROLEUM AB*

16:00 **BioDME Production Via Black Liquor Gasification Route & Technology Scaleup**  
*Ingvar Landalv, Chief Technology Officer Chemrec AB*

16:30 **Creating Something from Nothing - Adding Value to Steel Mill Gases**  
• Using a microbial process for the production of liquid biofuels and high value chemicals  
*Dr. Sean Simpson, Co-Founder/ Chief Scientific Officer LanzaTech NZ*

17:10 Discussion. Close of Day 1

18:00 Networking Reception  
hosted by



**Participants to the BTL & Bio-based Chemicals 2010 conference are cordially invited to the RBCN networking event that will take place at the end of day one's sessions.**

RBCN is a business-to-business network for traders and other relevant parties active in the biomass supply chain. It is one of the activities initiated and supported by the Rotterdam Climate Initiative to strengthen the position of Rotterdam as the sustainable biomass hub for Europe and to promote the import, processing and trade of biomass. For more information on RBCN please visit [www.rbcn.nl](http://www.rbcn.nl)

## DAY 2 - 7 Oct 2010, Thursday

09:00 Chairman's Remarks

09:10 **Bio Energy with CO2 Capture and Storage (BECCS): Conversion Routes for Negative CO2 Emissions**  
*Ir. Michiel Carbo, Research Engineer - biosyngas, bioSNG and BECCS Energy Research Centre of the Netherlands (ECN)*

09:40 **New Catalytic Fluid Bed Process for Converting Biomass into Chemicals in One Step**  
*David Sudolsky, President & CEO Anellotech Inc*

10:10 Discussion followed by Coffee

10:40 **Sustainable and Integrated Production of Advanced Liquid Biofuels, Green Chemicals and Bioenergy from Glycerol in Biorefineries**  
*Mhairi Workman, Associate Professor Technical University of Denmark*

11:10 **Conversion of Crude Glycerine to Bio-Methanol**  
• Developing new applications for bio-methanol  
• Exploring alternative feedstocks for the production of bio-methanol  
*Eelco Dekker, Chief Marketing Officer BioMCN*

11:40 Final Discussion

12:00 Close of Conference. Lunch

## Optional Site Visit to ECN Gasifier & Torrefaction Facility in Petten

13:30 Depart hotel

15:00 Arrive Site

ECN is delighted to host the excursion for delegates of the BTL and Bio-Based Chemicals conference. At ECN we have an elaborate lab-scale (25 kWth) and pilot-scale (1 MWth) gasification and gas treating infrastructure, which we could present during the excursion. Furthermore, we also have a pilot-scale torrefaction setup and a lab-scale entrained flow gasifier on-site.

The tour shall be for about 2 hours.

17:00 Leave Site

18:30 Arrive back to hotel